

(type or print name of person certifying)

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) ~~Method~~ A method, for
~~correcting/adapting terminal errors in a cellular system~~
~~comprising the steps of:~~

sending ~~(30)~~ a control/report signal ~~(18)~~ to a network
~~(11)~~ of the a cellular system by a ~~user equipment or~~
terminal ~~(12)~~ of the cellular system for initiating setup
procedures for correcting or adapting terminal errors in
the cellular system, said control/report signal ~~(18)~~ is
indicative of a version of a bit map supporting error
correcting functionalities of the terminal ~~(12)~~;

determining ~~(31)~~ by the network ~~(11)~~ whether new bit
map related information is required for completing the
setup procedures by the terminal ~~(12)~~;

performing ~~(44)~~ the setup procedures at the terminal
~~(12)~~ using instructions contained in a command/information
signal ~~(20)~~ while waiting for the new bit map related
information from the network ~~(11)~~ for completing said
procedures; and

completing ~~(56, 58, 62, 64)~~ the setup procedures by the
terminal ~~(12)~~ using further instructions contained in the
command/information signal ~~(20)~~ sent by the network ~~(11)~~,
wherein said further instructions are configured by the
network ~~(11)~~ ~~based on using~~ a new bit map signal comprising
said new bit map related information ~~(24b)~~ generated by the
network ~~(11)~~.

2. (Currently Amended) The method of claim 1, wherein the control/report signal ~~(18)~~ also can contain comprises an international mobile station equipment and a software version number ~~(IMEISV)~~.

3. (Currently Amended) The method of claim 1, wherein the command/information signal ~~(20)~~ is a measurement control signal ~~(20-3)~~ and the ~~step of completing (56, 58, 62, 64)~~ the setup procedures comprising the ~~steps of~~:

configuring by the network ~~(11)~~ and sending ~~(56)~~ said security mode command signal ~~(20-3)~~ to the UE ~~(12)~~ terminal; and

performing ~~(58)~~ a security mode setup by the terminal ~~(12)~~ using said security mode command signal ~~(20-3)~~.

4. (Currently Amended) The method of claim 1, wherein the command/information signal ~~(20)~~ is a radio bearer setup signal ~~(20-4)~~, and the ~~step of said completing (56, 58, 62, 64)~~ the setup procedures comprising the ~~steps of~~:

configuring by the network ~~(11)~~ and sending ~~(62)~~ said radio bearer setup signal ~~(20-4)~~ to the UE terminal ~~(12)~~; and

completing ~~(64)~~ a bearer setup by the terminal ~~(12)~~ using said radio bearer setup signal ~~(20-4)~~.

5. (Currently Amended) The method of claim 1, wherein the cellular system is a universal mobile telecommunications system ~~(10)~~.

6. (Currently Amended) The method of claim 5, wherein the network ~~(11)~~ comprises a universal terrestrial radio access network ~~(14)~~ and a core network ~~(16)~~.

7. (Currently Amended) The method of claim 6, wherein the universal terrestrial radio access network ~~(14)~~ comprises a serving radio network controller ~~(15)~~.

8. (Currently Amended) The method of claim 7, wherein the command/information signal ~~(20)~~ is a security mode command signal ~~(20-3)~~, which is sent to the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~; said security mode command signal ~~(20-3)~~ is generated by the serving radio network controller ~~(15)~~ after receiving the new bit map signal ~~(24b)~~.

9. (Currently Amended) The method of claim 7, wherein the command/information signal ~~(20)~~ is a radio bearer setup signal ~~(20-4)~~, which is sent to the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~, said radio bearer setup signal ~~(20-4)~~ is generated by the serving radio network controller ~~(15)~~ after receiving the new bit map signal ~~(24b)~~.

10. (Currently Amended) The method of claim 7, wherein the control/report signal ~~(18)~~ is a RACH RRC connection request signal ~~(18-1)~~, which is sent to the serving radio network controller ~~(15)~~.

11. (Currently Amended) The method of claim 10, wherein ~~the step of said~~ determining ~~(31)~~ by the network ~~(11)~~ whether the new bit map related information is required for

completing the setup procedures by the terminal ~~(12)~~ is performed by the serving radio network controller ~~(15)~~ upon receiving and based on the RACH RRC connection request signal ~~(18-1)~~.

12. (Currently Amended) The method of claim 11, wherein after the ~~step of determining (31)~~ by the network ~~(11)~~ if the new bit map related information is required, the method further comprising the steps of comprises:

sending ~~(32)~~ a FACH RRC connection setup signal ~~(20-1)~~, based on in response to the RACH RRC connection request signal ~~(18-1)~~, to the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~;

setting up ~~(34)~~ a connection by the terminal ~~(12)~~ using the FACH RRC connection setup signal ~~(20-1)~~ based on the FACH RRC connection setup signal (20-1); and

sending ~~(36)~~ a DCH RRC connection setup complete signal ~~(18-2)~~ to the serving radio network controller ~~(15)~~ by the terminal ~~(12)~~.

13. (Currently Amended) The method of claim 12, further comprising ~~the steps of~~:

sending ~~(38)~~ an RRC initial direct transfer signal ~~(18-3)~~ to the universal serving radio network controller ~~(15)~~ by the terminal ~~(12)~~, said RRC initial direct transfer signal ~~(18-3)~~, if it is determined that the new bit map related information is required, contains comprises an international mobile station equipment and software version ~~(IMEISV)~~ number if it is determined that the new bit map related information is required,;

sending ~~(40)~~ an RRC initial UE message signal ~~(22)~~ to the core network ~~(16)~~ by the terminal ~~(12)~~, said RRC

initial UE message signal ~~(22)~~ contains a request for a new bit map and the international mobile station equipment and software version ~~(IMEISV)~~ number; and

sending ~~(42)~~ a measurement control signal ~~(20-2)~~ to the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~.

14. (Currently Amended) The method of claim 13, wherein the step of said performing ~~(44)~~ the setup procedures at the terminal ~~(12)~~, while waiting for the bit map related information from the network ~~(11)~~, is performed by configuring measurement configurations based on using the measurement control signal ~~(20-2)~~ by the terminal ~~(12)~~.

15. (Currently Amended) The method of claim 14, wherein after the step of said performing ~~(44)~~ the setup procedures at the terminal ~~(12)~~, the method further comprising comprises: ~~the steps of:~~

delaying ~~(50a)~~ further setup procedures of the terminal ~~(12)~~ until generating the new bit map signal ~~(24b)~~ by the core network ~~(16)~~, if it is determined that said new bit map signal ~~(24b)~~ is required;

sending ~~(50)~~ a common ID ~~(IMSI)~~ signal ~~(24a)~~ and ~~the a~~ new bit map signal ~~(24b)~~ generated by the core network ~~(16)~~ to the serving radio network controller ~~(15)~~ by the core network ~~(16)~~;

determining ~~(52)~~ by the serving radio network controller ~~(15)~~ if the new bit map signal ~~(24b)~~ has to be converted to match the international mobile station equipment and software version ~~(IMEISV)~~ number of the terminal ~~(12)~~; and

converting ~~(56)~~ the new bit map signal (24b) to match the international mobile station equipment and software version ~~(IMEISV)~~ number of the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~.

16. (Currently Amended) The method of claim 7, wherein after the ~~step of~~ said performing ~~(44)~~ the setup procedures at the terminal ~~(12)~~, the method further comprising the steps of comprises:

delaying ~~(50a)~~ further setup procedures of the terminal ~~(12)~~ until generating the new bit map signal ~~(24b)~~ by the core network ~~(16)~~, if it is determined that said new bit map signal ~~(24b)~~ is required; and

sending ~~(50)~~ a common ID ~~(IMSI)~~ signal ~~(24a)~~ and the new bit map signal ~~(24b)~~ generated by the core network ~~(16)~~ to the serving radio network controller ~~(15)~~ by the core network ~~(16)~~.

17. (Currently Amended) The method of claim 16, wherein the new bit map signal ~~(24b)~~ is generated using a core network protocol block ~~(16a)~~ of the core network ~~(16)~~ and an error database block ~~(16b)~~ of the core network ~~(16)~~.

18. (Currently Amended) A cellular system ~~utilizing a special procedure for correcting/adapting terminal errors,~~ comprising:

a terminal ~~or user equipment (12)~~, for providing a control/report signal ~~(18)~~ which is indicative of a version of a bit map supporting error correcting functionalities of the terminal ~~(12)~~ for correcting or adapting terminal errors in the cellular system, responsive to a command/information signal ~~(20)~~ for performing setup

procedures of the terminal ~~(12)~~ using instructions
comprised in said command/information signal while waiting
for new bit map related information, and for completing
the setup procedures using further instructions comprised
in said command/information signal; and

a network ~~(11)~~, responsive to said control/report
signal ~~(18)~~, for determining if said new bit map related
information is required for completing the setup procedures
by the terminal ~~(12)~~ using said control/report signal ~~(18)~~,
for providing said command/information signal comprising
said instructions and said further instructions ~~(20)~~ to the
terminal ~~(12)~~ before and after said determination,
respectively, wherein said further instructions are
configured by the network using a new bit map signal
comprising said new bit map related information generated
by the network. using information contained in said
control/report signal ~~(18)~~ and after said determination
using a new bit map signal ~~(24b)~~ generated by the network
~~(11)~~.

19. (Currently Amended) The cellular system of the claim
18, wherein the network ~~(11)~~ comprising comprises:

a universal terrestrial radio access network ~~(14)~~,
responsive to a common ID ~~(IMSI)~~ signal ~~(24a)~~, to the new
bit map signal ~~(24b)~~ and to the control/report signal ~~(18)~~,
for determining if said new bit map related information is
required for completing the setup procedures by the
terminal ~~(12)~~ using said control/report signal ~~(18)~~, for
providing said command/information signal ~~(20)~~ to the
terminal ~~(12)~~ before said determination using information
contained in said control/report signal ~~(18)~~ and after said

~~determination using the new bit map signal (24b) generated by the network (11); and~~

a core network ~~(16)~~, responsive to the control/report signal ~~(18)~~, for generating the new bit map signal ~~(24b)~~, for providing the common ID ~~(IMSI)~~ signal ~~(24a)~~ and for providing the new bit map signal ~~(24b)~~ to the universal terrestrial radio access network ~~(14)~~.

20. (Currently Amended) The ~~method~~ cellular system of claim 18, wherein the control/report signal ~~(18)~~ ~~can also contain~~ comprises an international mobile station equipment and software version number ~~(IMEISV)~~.